YELISEYEV, A. A.

"The First Russian Electrical Engineer -- V. V. Petrov", Elektrichestvo, No. 8, 1948. Cand. Physico-Mathematical Sci. Mbr., Comm. on Hist. Acad. Sci., -c1948-.

YELISEYEV, A. A.

PA 152716

USSR/Engineering - Laboratory, Organization Industrial Planning

"Several Problems in Planning Plant Laboratories," A. A. Yeliseyev, A. M. Chervyakov, Cen Sci Res Inst of Ferrous Metal, 3 3/4 pp

"Zavod Lab" Vol XV, No 10

Outlines general measures for use in overcoming deficiencies in plant laboratory planning. An appeal for standardization in organization is one of the main themes. Also suggests the Tech Control Sec be consulted in matters of production control.

152T16

Oct 49'

YELISETEV, A.A.; MURZINM, A.M.; SAMARIN, A.M., chlen-korrespondent Akademii nauk SSSR.

An outstanding Russian physicist of the 18th century. Two hundredth anniversary of the death of G.W.Richmann. Izv. AN SSSR Otd. tekh.nauk no.8:1166-1174 Ag '53. (MLRA 6:8)

1. Akademiya musk SSSR (for Samarin).
(Richmann, Georg Wilhelm, 1711-1753)

JELISEYEV, A.A., IOMONOSOV, M.V.; VAVILOV, S.I., akademik, redaktor; KRAVETS, T.P., redaktor; VINOGRADOV, V.V., adademik, redaktor; TOPCHIYEV, A.V., akademik, tor; VINOGRADOV, V.V., adademik, redaktor; ANDREYEV, A.I., redaktor; redaktor; BARKHUDAROV, S.G., redaktor; ANDREYEV, A.I., redaktor; BLOK, G.P., redaktor; YNLISEYEV, A.A., redaktor; KNYAZEV, G.A., redaktor; GHENAKAL, V.L.; PRVENHR, R.D.; tekhnicheskiy-rekaktor

[Complete collected works] Polnoe sobranie sochinenii. Moskva, Izd-vo Akademii nauk SSSR. Vol.4.[Works on physics, astronomy, and instrument construction, 1744-1765] Trudy po fizike, astronomii i priborostroeniiu 1744-1765 gg. 1955. 830 p. (MLRA 8:6)

1. Cnlen-korrespondent Akademii nauk SSSR (for Kravets, Barkhudarov). (Physics) (Astronomy) (Instruments)

YELISEYEV A.A.

AID P - 3465

Subject

: USSR/Electricity

Card 1/1

Pub. 27 - 32/32

Authors

Goloushkin, V. N., and A. A. Yeliseyev, Kands. of

Phys. Math. Sci., Leningrad

Title

: Book review: Pavel Nikolayevich Yablochkov. Trudy.
Dokumenty. Materialy. Works. Documents. Materials.
Compiler Prof. L. D. Bel'kind. Chief Editor Corr.
Memb. Ac. Sc. USSR, M. A. Shatelen, 463 pp. Academy

of Sciences, USSR.

Periodical

Elektrichestvo, 10, 87-88, 0 1955

Abstract

The authors discuss the contents of the book, and give

a highly favorable appraisal.

Institution :

None

Submitted

No date

RICHMANN, Georg Wilhelm; YELISEYEY, A.A., redaktor; ZUBOV, V.P., redaktor; MURZIN, A.M., redaktor; CHIGGE IAH, A.T., redaktor; KLYAUS, Ye.M., redaktor izdatel stva; SOMOROV, B.A., tekhnicheskiy redaktor

[Works on physics] Trudy po fizike. Moskva, Izd-vo Akademii nauk SSSR, 1956. 710 p. (MLRA 9:10) (Physics)

GOLOUSHKIN, V.N., kandidat fiziko-matematicheskikh nauk (Leningrad); YELISEYEV, A.A., bandidat fiziko-matematicheskikh nauk (Leningrad).

The book "History of technology" by L.D. Bel'kind, I.la, Konfederatov, IA.A. Shneiberg. Reviewed by V.B. Golombkin, A.A. Elisadv. Elektrichestvo no.5:95-96 My '57. (MLEA 10:6)

(Electric power) (Bel'kind, L.D.) (Konfederatov, I.IA.)

(Shneiberg, IA.A.)

YELISEYEV, A.A.

PA - 3119

Cand. of phys. math. sciences V.N. GOLOUSHKIN and A.A. YELISEYEV

1 1 IOR:

"The History of Technical Science" L.D. Bel'kind, I.Ya. Konfedera-

. LLE:

(L.D. Bel'kind, I.Ya. Konfederatov, Ya.A. Shneyberg. Istoriya tov, Ya. A. Shneyberg.

tekhniki. Russian). Elektrichestvo, 1957, Nr 5, pp 95 - 96 (U.S.S.R.)

Reviewed: 7 / 1957

PERIODICAL:

Received: 6 / 1957

ABSTRACT:

A textbook for universities. Chapter 1 - 3, a survey of the development of technical science from primitive to feudal times. Chapter 4, the beginning of heat energetics. Chapter 5, a short summary of the development of the science of electricity and magnetism from the early beginnings to the end of the eighteenth century. Chapter 6, the causes, characteristics and consequences of the Industrial Revolution in the last third of the eighteenth century. Chapter 7, the development of thermoenergetics after the beginning of the Industrial Revolution to the 1870's. Chapter 8 - 10, the discovery of the electric current and the development of electrd-technical science up to the 1870's. Chapter 11, the development of machine construction, metallurgy, transportation system, and chemical technology in the first half of the nineteenth century. Chapter 12, the development of electrotechnics in the 1870's and '80's. Chapter 13, the development of the most

Card 1/2

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· PA - 3119

"The History of Technical Science", L.D. Bel'kind, I.Ya.Konfederatov, Ya. A. Shneyberg.

important branches of the technical sciences in the second half of the nineteenth century. Chapter 14, the history of the origins of internal combustion machnines, gas and water turbines. Chapter 15, the history of three phase current. Chapter 16, the origin of the sciences of radio and electronics. Chapter 17, the beginning of electrification.

The second part of the textbook, which handles the twentieth century, is still in preparation.

ASSOCIATION: Not given PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962530003-2"

YELISEYEV, A.A.; GOLOUSHKIN, V.N.; KAMENETSKIY, M.O., kend.tekhn.nauk, nauchnyy red.; VOROB'YEV, G.S., red.izd-va; GURDZHIYEVA, A.M., tekhn.red.

[Development of electric engineering in the U.S.S.R.] Rezvitie elektrotekhniki v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn.znanii RSFSR, Leningr.otd-nie, 1959. 45 p. (MIRA 13:4)

(Electric engineering)

YELISEYEV, Aleksey Aleksandrovich; SHNEYBERG, Ya.A., red.; SOBOLEVA, . . . Ye.M., tekhn.red.

[Origin of the science of electricity in Russia; studies of M.V.Lomonosov and G.V.Rikhman] Vozniknovenie nauki ob elektrichestve v Rossii; issledovaniis M.V.Lomonosova i G.V.Rikhmana.

Moskva, Gos.energ.izd-vo. 1960. 270 p.

(Blectricity) (MIRA 14:1)

S/078/60/005/009/036/040/XX B017/B058

AUTHORS:

Kirakosyan, A. K., Yeliseyev, A. A.

TITLE:

The Interaction of Cadmium Sulfate With Ammonia in the

Aqueous Medium

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 9,

pp. 2095 - 2101

TEXT: The properties of basic cadmium sulfates, especially those containing ammonia, were studied by thermal- and X-ray phase analysis. The composition of the basic cadmium sulfates studied is given in Table 1 and the thermograms of these compounds are graphically illustrated in Fig. 1. Two types of basic cadmium sulfates were isolated: CdSO₄·n·Cd(OH)₂·x·H₂O and CdSO₄·n·Cd(OH)₂·s·x·H₂O. With a change of the basicity, water- and ammonia content in the composition of these compounds, a change of their thermal stability and the parameters of the crystal lattices also occurs. The basic cadmium sulfates change their color from white to brown through thermal treatment at temperatures above 150°C. The thermal decomposition

The Interaction of Cadmium Sulfate With Ammonia in the Aqueous Medium

S/078/60/005/009/036/040/XX B017/B058

of ammonia-containing basic cadmium sulfates differs from that of ammonia-free basic cadmium sulfates. The ammonia-containing basic cadmium sulfates lose the entire water at 400° to 450°C. The X-ray phase analyses proved that all basic cadmium sulfates consist of one phase. The roentgenograms of the basic cadmium sulfates are shown in Fig. 2 and those of the ammonia-containing basic cadmium sulfates in Fig. 3. The results of the X-ray phase analysis confirm the results of thermal studies. There are 3 figures, 1 table, and 6 references: 5 Soviet and 1 Swiss.

SUBMITTED: June 4, 1959

Card 2/2

S/020/60/135/003/022/039 B019/B077

AUTHORS:

Gliki, N. V., Yeliseyev, A. A., and Marchenko, N. M.

TITLE:

The Forming of Ice Single Crystals by Freezing an Under-

cooled Water Drop

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 3, pp. 591-594

TEXT: The authors investigated the freezing of undercooled water drops containing different chemical compounds in suspension. They used polarized light and payed special attention to the morphology of the ice crystals. The drops were attached to a glass fiber and put into an undercooled chamber. It was found that there are two types of solidification. At considerable undercooling, the air dissolved in the drop cannot escape fast enough, and the crystal formed is non-transparent. A transparent crystal is formed at weaker undercooling. Many tests showed an increase of the probability for the growth of a single crystal at a certain temperature with decreasing dimensions of the drop. An increase of the solidification temperature of drops with certain sizes had the same effect. The optical

Card 1/2

The Forming of Ice Single Crystals by Freezing an Undercooled Water Drop

S/020/60/135/003/022/039 B019/B077

axis of the crystals is usually not criented. The optical axis shows a tendency to a horizontal position in larger drops (>1 mm). During the growth of ice single crystals, a change of the drop shape was noticed, and the geometrical axis of the single crystal always coincided with the optical axis. The ellipsoid form of the single crystals was very stable during vaporization. Conditions are discussed where these forms of the single crystal can be strengthened or weakened. The influence of humidity on the crystal growth is also studied. Further tests about the morphology and the growth conditions are announced. A. V. Shubnikov is mentioned. There are 2 figures and 4 references: 2 Soviet, 1 British, and 1 US.

ASSOCIATION: Institut kristallografii Akademii nauk SSSR (Institute of Crystallography, Academy of Sciences, USSR)

PRESENTED: April 20, 1960, by A. V. Shubnikov, Academician

SUBMITTED: April 11, 1960

Card 2/2

YELISEYEV, Aleksey Aleksendrovich; SHNEYBERG, Yakov Abramovich; FILIPPOV, S.M., red.; SEVRYUKOV, P.A., tekhn. red.

[V.V.Petrov; on the 200th anniversary of his birth]V.V.Petrov; k 200-letiiu so dnia rozhdeniia. Kursk, Kurskoe knizhnoe.izd-vo, 1961. 78 p. (MIRA 15 8) (Petrov, Vasilii Vladimirovich, 1761-1834)

YELISEYEV, Aleksey Aleksandrovich; LITIMETSKIY, Izot Borisovich; GRIGOROVA, V.A., red.; PLAKSHE, L.Yu., tekh. red.

[M.V.Lomonosov as the first Russian physicist] M.V.Lomonosov pervyi russkii fizik. Moskva, Gos.izd-vo fiziko-matem. litry, 1961. 289 p. (MIRA 15:2) (Lomonosov, Mikhail Vasil'yevich, 1711-1765) (Physics)

card 1/4

\$/576/61/000/000/020/020 E021/E120 Kuznetsov, V.G., Yeliseyev, A.A., Shpak, Z.S., Palkina, K.K., Sokolova, M.A., and Dmitriyev, A.V. Study of the phase diagram and the electrical conductivity of the phases of the Ni-S, Ni-Se and AUTHORS : Soveshchaniye po poluprovodnikovym materialam, 4th. TITLE: Co-S systems Voprosy metallurgii i fiziki poluprovodnikov; poluprovodnikovyye soyedineniya i tverdyye splavy. Trudy soveshchaniya. Moscow, Izd. wo AN SSSR, 1961. SOURCE: Akademiya nauk SSSR. Institut metallurgii imeni 159-173. A.A. Baykova, Fiziko-tekhnicheskiy institut. Information on the phase diagram and electrical conductivity of the phases of the systems Ni-S, Ni-Se and Co-S is important for the technology of extraction of nickel, cobalt, selenium and sulphur from their ores and also for the search for new semiconducting materials. The present investigation was therefore carried out. Detailed X-ray analysis, differential thermal analysis and measurements of density were carried out.

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s/576/61/000/000/020/020 E021/E120

Study of the phase diagram and the ... Electrical conductivity in the range 20 to 440 °C was measured, and in general showed a steady fall as the temperature increased. The results showed that in solid solutions based on β -NiSe or β-CoS with a defect nickel arsenide structure and a content of selenium or sulphur greater than 51.6 atomic %, a superlattice is formed. This is explained by ordering of defects in the lattice in Ni or Co positions. The following structures were found to exist: Ni4S3±x + hexagonal with parameters at 650° of $a = 5.43 \pm 0.01 kX$, $c = 12.02 \pm 0.01 kX$ and c/a = 2.213Ni9S8 - hexagonal with $a = 12.10 \pm 0.1kX$, $a = 11.28 \pm 0.01kX$, c/a = 0.932 in a lattice of six NioS8 groups; c/a = 0.932 in a lattice of six NioS8 groups; NioSe5 - hexagonal with a = 3.77 ± 0.01kX, c = 15.86 ± 0.02kX, NioSe5 - hexagonal with a = 7.95 ± 0.01kX, c/a = 4.202; Ni₂₁Se₂₀ - hexagonal with a = 7.95 ± 0.01kX, c/a = $\frac{1}{4}$.202; Ni₂₁Se₂₀ hexagonal with a = 7.95 t 0.0lkX, c = 9.76 t 0.0lkX, c/a = 1.227; β Ni₃Se₂₀ tetragonal with parameters at 650 °C of a = 7.60 t 0.0lkX, c = 6.22 t 0.0lkX, It was shown that NiS2 has semiconducting properties. The phases c/a = 0.818. β NiSe and β CoS with a nickel-arsenide structure and β NiSe with a nickel-arsenide superlettice, and also B CoS,

\$/576/61/000/000/020/020 Study of the phase diagram and the ... E021/E120

 α NiS with a millerite-type structure, behave below 300 $^{\rm o}{\rm C}$ as semi-metals, but β' CoS with 55.22 at.% S and β' NiSe with 52.3 at.% Se have a tendency to semiconducting type of conductivity. The phases α Ni₃S₂, α Ni₃Se₂, Co₉S₈, NiSe₂ and mixtures of α Ni₃S₂ with Ni, α Ni₃Se₂ with Ni and Ni₆Se₅, Co₉S₈ with Co, have metallic conductivity. The c/a Ni6Se5, Co9S8 with Co, have metallic conductivity. ratio is close to the ideal nickel-arsenide structure in the case of β NiS (c/a = 1.555) but the tendency to semiconducting properties is greater for β' CoS (c/a = 1.534) and β' NiSe (c/a = 1.463). This is a deviation from the prediction by W.B. Pearson (Ref. 20: Canadian J. of Physics, 1957, v.35, 8, 886) that phases with nickel-arsenide structure would have semiconducting type of electrical conductivity. Detailed information is given on the limits of homogeneity and phase structure of Ni-S, Ni-Se and Co-S systems and also the interatomic distances in sulphides and selenides of nickel and cobalt selenide. There are 2 figures, 2 tables and 32 references: 7 Soviet-bloc and 25 non-Soviet-bloc.

Card 3/4

Study of the phase diagram and the ... $\frac{S/576/61/000/000/020/020}{E021/E120}$

The four most recent English language references read as follows:

Ref. 7: T. Rosenqvist, J. Iron Steel Inst., 1954, v.176, 37. Ref.16: M. Hansen. Constitution of Binary Alloys, 1958, 2nd publication.

Ref. 20: W.B. Pearson, Canadian J. of Physics, 1957, v.35, 8, 886.

Ref. 23: M.A. Peacock, Amer. Mineralog., 1947, v. 32, 484.

Card 4/4

KUZNETSOV, V.G.; YELISEYEV, A.A.

X-ray examination for determining the boundaries of homogeneity and the nature of the β -NiS phase. Zhur.strukt.khim. 2 no.5: 578-584 S-0 161. (MIRA 14:11)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.

(Nickel alloys)

(Crystal lattices)

GLIKI, N.V.; YELISEYEV, A.A.; MARCHENKO, N.M.

Growth of spherical ice crystals. Kristallografiia 7 no.4:609-612 Jl-Ag '62. (MIRA 15:11)

1. Institut kristallografii AN SSSR. (Ice crystals)

GLIKI, N.V.; YELISEYEV, A.A.

Effect of saturation and temperature on the kinteics of the development of initial forms of growth in an ice sphere. Kristallografiia 7 no.5:802-804 S-0 162. (MIN 15:12)

1. Institut kristallografii AN SSSR. (Ice crystals—Growth)

GLIKI, N.V.; YELISEYEV, A.A.; MARCHENKO, N.M.

Transformation of cloud drops into ice cristals. Dokl. AN SSSR 143 no.5:1087-1089 Ap 62. (MIRA 15:4)

1. Institut kristallografii AN SSSR. Predstavleno akademikom A.V.Shubnikovym. (Ice crystals)

LEBEDEV, Petr Nikolayevich, akademik; KRAVTS, T.P., red. (1866-1912);
KAPTSOV, N.A., prof., red.; YELISKYEV, A.A., dots., red.;
BERKGAUT, V.G., red. 12d-ve; radoni, red.;

[Sollected works] Sobranie sochinenii. Moskva, Izd-vo AN
SSSR, 1963. 434 p. (MIRA 16:9)

1. Chlen-korrespondent AN SSSR (for Krayte).
(Lebedev, Petr Nikolaevich, 1866-1912) (Physics)

Study of some semiconducting compounds and phases based on boron.

E. S. Medvedeva, A. A. Reshchikova, A. A. Yeliseyeya, A. A. Babitsyna, G. D. Mitkina, Ya. Kh. Grinberg, Ye. V. Shorina.

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

Semiconducting compounds of lanthanides with selenium and tellurium. Ye. I. Yarembash, A. A. Yeliseyeva, Ye. S. Vigileva, V. I. Kalitin.

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

Easic zinc sulfates. Zhur.neorg.khin. 8 no.1:119-129 Ja 163.

(Zinc sulfates)

L 11266-63 EWQ(q)/EWT(m)/BDS-AFFTC/ASD-JD

ACCESSION NR: AP3001230

5/0078/63/008/006/1542/1543 56

AUTHOR: Yarembash, Ye. I.; Vigileva, Ye. S.; Yeliseyev, A. A.; Antonova, L. I.

TITLE: Lanthanum Cellurides 27.

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 6, 1963, 1542-1543

TOPIC TAGS: lanthanum telluride, lanthanum reaction product, lanthanum—tellurium phase system, specific resistivity, thermal emf

ABSTRACT: Conditions for the formation of lanthanum tellurides have been studied, together with the phase composition of the products formed from the reaction of La and Te. The tellurides were synthesized by heating a mixture of finely powdered La and Te in the presence of a very small amount of iodine and also by the reaction of LaH, with Te vapor. Several phases, among them LaTe, La2Te3, and LaTe2, were identified. X-ray analysis indicated the possible formation of two additional phases whose properties and compositions are not known. Compound LaTe crystallizes as an NaCl-type lattice with $\alpha = 6.407 \pm 0.005$ kX, a value commensurate with data

Card 1/2

L 11266-63 ACCESSION NR: AP3001230

in the literature. The specific resistivity and thermal emf of compacted samples at room temperature were found to be $p=1.5\cdot10^5$ ohm·cm and $\alpha=-40$ to -50 $\mu\nu/\deg$ for LaTe, $p=4\cdot10^2$ ohm·cm and $\alpha=-20$ to -30 $\mu\nu/\deg$ for LaTe, and for $p=2.4\cdot10^{-1}$ ohm·cm and $\alpha=+15$ to +20 $\mu\nu/\deg$ for LaTe. The presence of a negative temperature coefficient of resistivity was established in all cases studied, and all compounds—with the exception of LaTe2—were of n-type conductivity. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 21Jan63

DATE ACQ: 01Ju163

ENCL: 00

SUB CODE: CH

NO REF SOV: 000

OTHER: 005

nh/xeb

"APPROVED FOR RELEASE: 09/01/2001

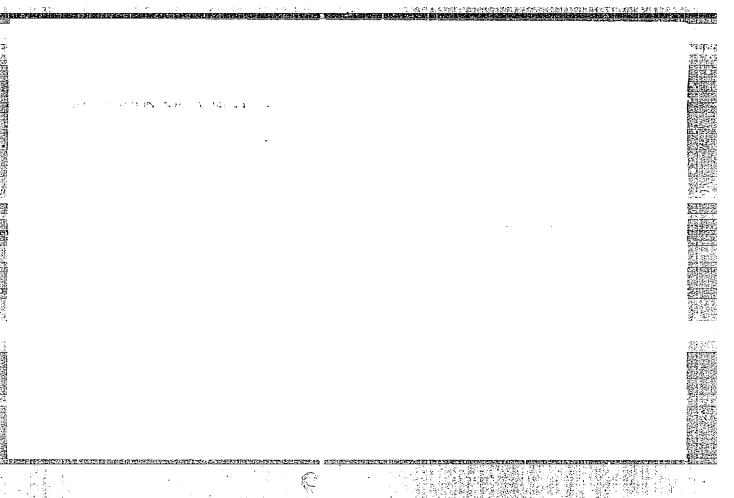
CIA-RDP86-00513R001962530003-2

EWP(q)/EWT(m)/BDS--AFFTC/ASD--JD s/0078/63/008/007/1654/1660 L 11263-63 ACCESSION NR: AP3003476 AUTHOR: Slavnova, G. K.; Yeliseyev, A. A. TIPLE: X-ray analysis of indium-selenium alloys SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 7, 1963, 1654-1660 TOPIC TAGS: indium, selenium, indium-selenium system, x-ray diffraction analysis, powder method, phase diagram, In Se, InSe, α-In Se, β-In Se, In Se, phase ABSTRACT: An earlier investigation of the indium-selenium system (G. K. Sledkova et al. Zh. neorgan. khimii, 8, 153 (1963)) has been continued with the use of the x-ray diffraction powder method. The present study was undertaken to determine the phase composition and phase boundaries of the system and to supplement the phase diagram, shown in Fig. 1 of the Enclosure. On the basis of x-ray analysis and intensity and sin2 data, it was concluded that in the Se-In2Se, region only the Se, C-In₂Se₃, and β-In₂Se₃ phases are present and that the interaction of Se with In2Se, is eutectic in character. The latter conclusion is in agreement with thermal-enalysis data previously reported. A new compound designated the X-phase-In 58e6 - was found to lie in the 54 to 55 at 5 Se range. X-ray analysis revealed

	L 11263-63
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	the presence of InSe. These and In (matter)
*** *** ***	the presence of InSe, In ₂ Se, and In in the InSe—In ₂ Se region. The presence of In indicates that these alloys are in a nonequilibrium state. In the In ₂ Se—In region, where segregation occurs, In ₂ Se was obtained by mechanical separation from the In-rich eutectic. The results of the x-ray enalysis suggest the absence both of marked solubility of In and Se in the compounds existing in the system and of solid-solution regions between the compounds. Orig. art. has: 2 figures
	ASSOCIATION: none
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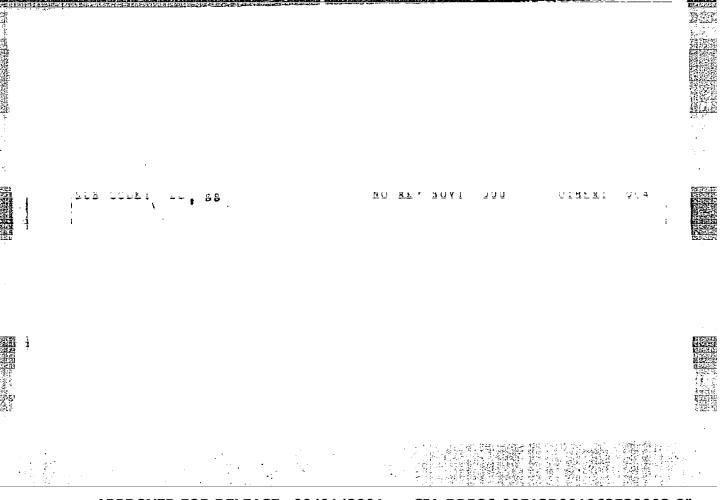
AUTHOR Yellserev. A. A.; Muznetsov V G; Yarembash, Ve !



TITLE: X-ray investigation of lantnanum distance /

SOURCE: Zhurnal strukturnoy khimii, v, S, no. 4, 1964, 641-642

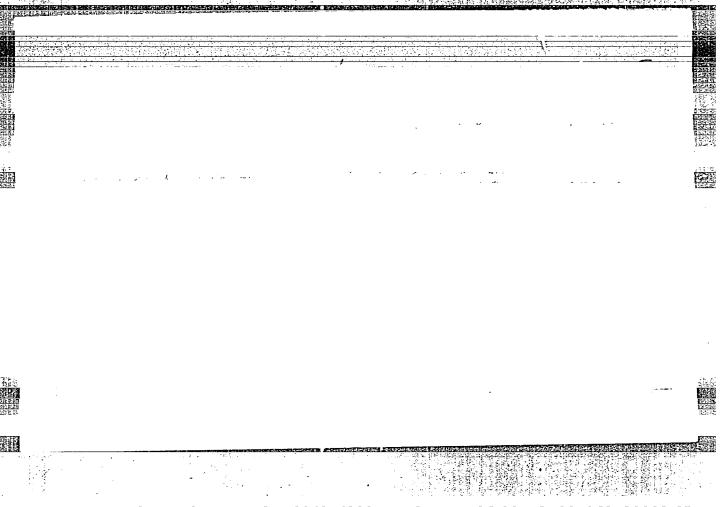
TOPIC TAGS: rare carth chalcongenide, lanthanum ditelliride, single crystal, x ray diffraction pattern

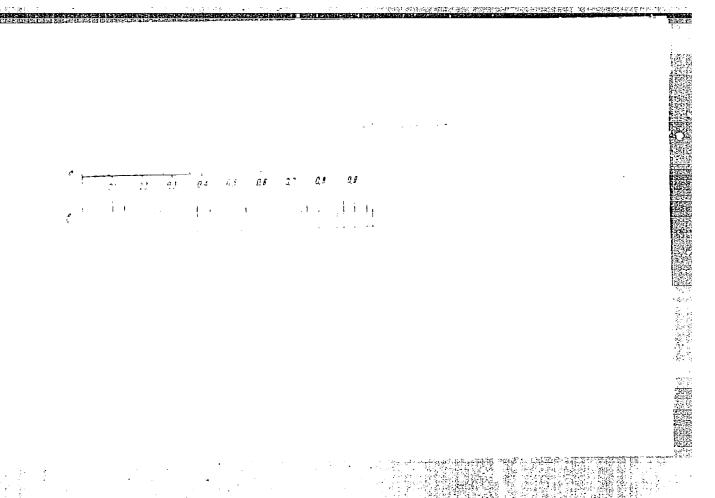


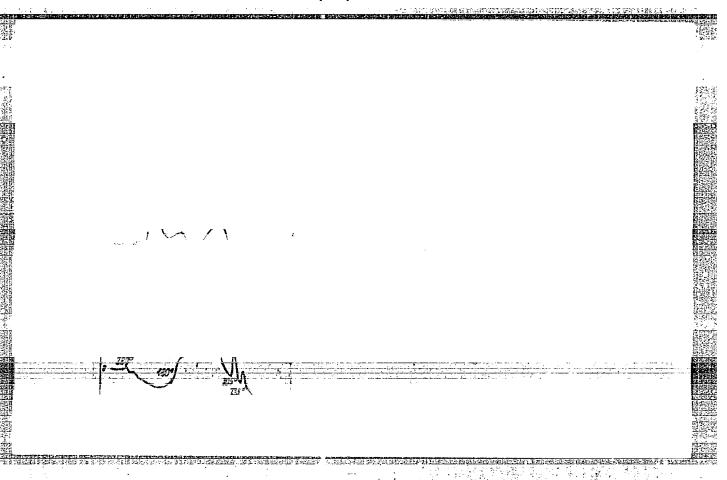
TITIE: Lanthanum tellurides

17

SOURCE: Zhurnal neorganicheskov khimii, v. 9, no. 4, 1964, 876-882



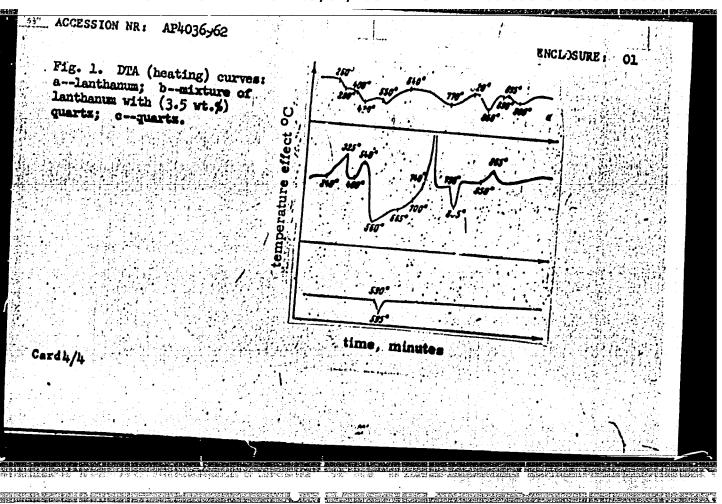




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effects of impurities) were constructed (fig. 1.). The transition from alpha to beta lanthanum occurs at about 2600 (with the top limit at 4000; above that only traces of alpha are retained); the transition from beta to gamma is at 8500, and melting is at 9000. The endo- and exothermic effects at 400, 560 and 7450 were not explained. The anomalous contraction at 3250 is associated with a sharp decrease in the beta-lattice spacing. An insignificant decrease in the parameter of the alph-lanthanum lattice along the c axis was observed at 200-3300. The coefficient of linear expansion of beta-lanthanum at 300-3300 is approximately 400 x 10 ⁻⁰ degrees ⁻¹ . At temperatures above 5500 lines appear on the La x-ray which do not correspond to either of the known modifications or their oxides. The number of these lines increases with increase in temperature. This is in accord with the presence of the "sliding" effect at 550-7100 on the La thermograph after cooling, the molten metal recovers its original structure. At 8500 beta-lanthanum is enantiotropically transformed to gamma-lanthanum. Orig. art. has: 4 figures and 4 tables.	y d er
ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova, Akademii nauk SSSR (Institute of General and Inorganic Chemistry, Academy of	

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ACCESSION NR: AP4036966

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AUTHOR: Yeliseyev, A. A.; Babitsy*na, A. A.; Hedvedeva, Z. S.

TITLE: X-ray diffraction enclysis of the boron-arsenic system

SOURCE: Zhurnal neerganicheskoy khimii, v. 9, no. 5, 1964, 1158-1162

TOPIC TAGS: boron arsenic system, boron arsenide synthesis, boron arsenic phase diagram, boron arsenide property, boron, arseni;, boron arsenide

ABSTRACT: Boron arsenide powders, containing 2.5, 5, 10, 20, 38, 45, 50, 53.5, 55, 60, 75, 90, and 97.5 at As, were synthetized from powdered amorphous 99.7083% pure boron and crystalline 99.9986% pure arsenic. The obtained boron arsenide powders were annealed at 600C for 950 hr and slowly cooled to room temperature, or annealed at 800 or 1000C for 250 hr and quenched in ice-cold water. The x-ray diffraction patterns showed the existence of only

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ACCESSION NR: AP4036966

two chemical compounds in the system: boron arsenide of the BAs composition and a lower boron arsenide whose composition, 85.9 at ZB and 14.1 at ZAs, and density, $\rho=3.53\pm0.03$ g/cm³, are very close to those of B₆As compound ($\rho=3.58$ g/cm³). The lines of B₆As fit equally well into an orthorhombic lattice with parameters $a_0=9.6896$ kX, $b_0=4.3342$ kX, and $c_0=3.0628$ kX, or a rhombohedral lattice with parameter $a_0=6.125$ kX and $c_0=11.8679$ kX. The solubility of B and As was found to be negligible in both compounds. The coefficient of linear expansion of BAs in the 20—500C range was found to be $7\cdot10^{-6}/\text{deg}$ C. Orig. art. has: 1 figure and 6 tables.

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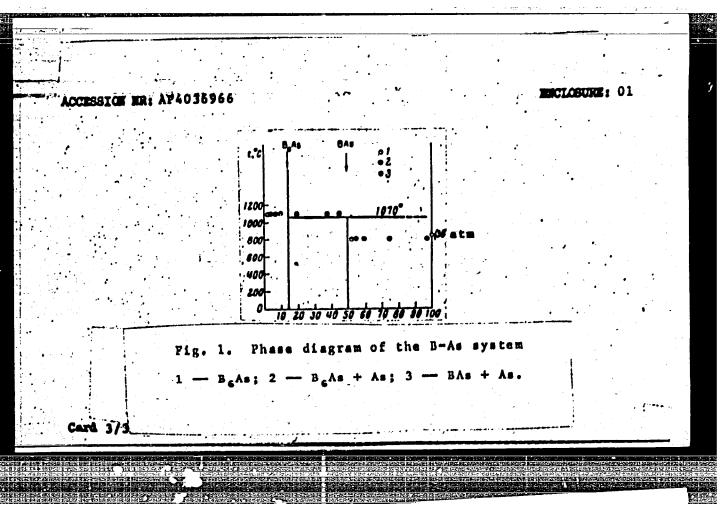
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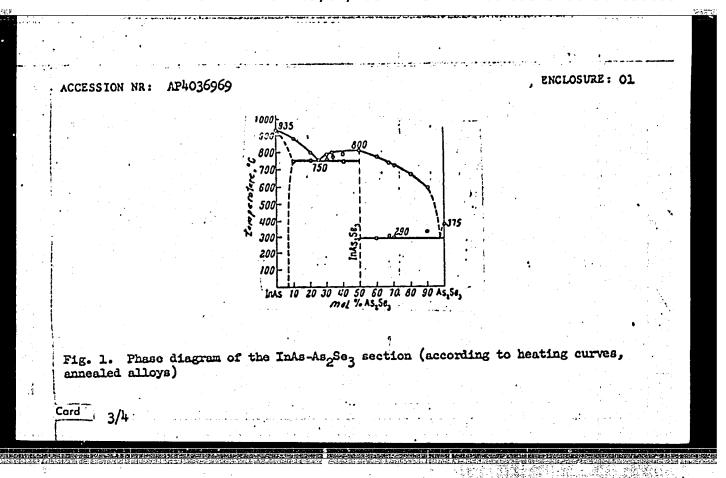
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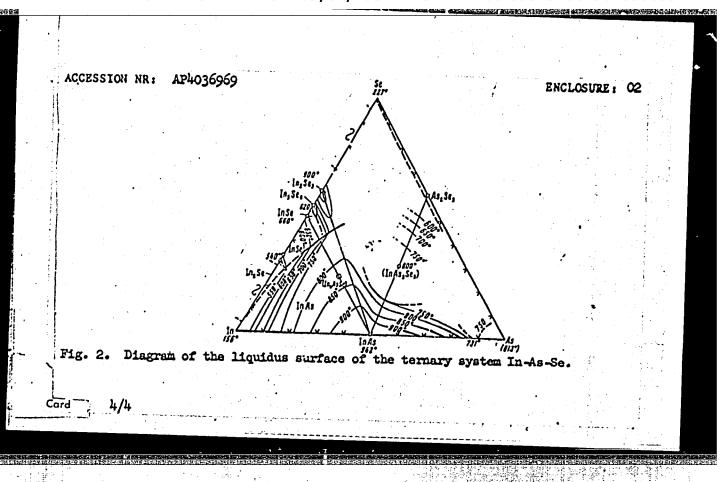


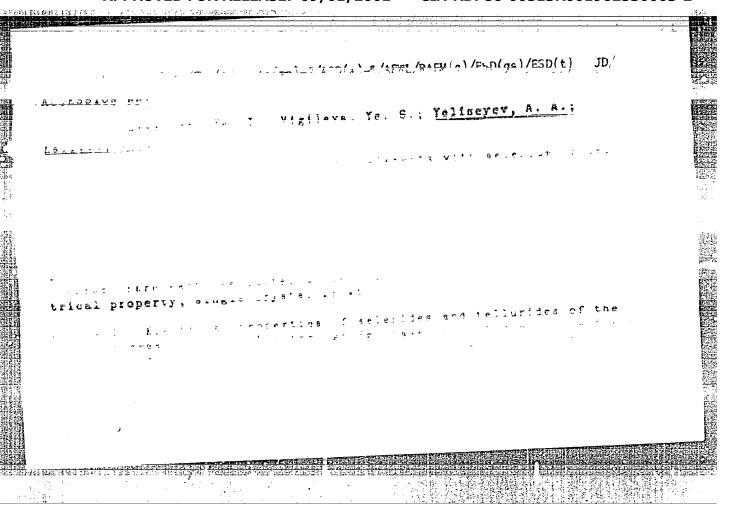
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	UTHOR: Luzhnaya, N. P.; Slavnova, G. K.; Medvedeva, Z. S.; Yeliseyev, A. A.
	ITIE: The In-As-Se system
T	OURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 5, 1964, 1174-1181. OURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 5, 1964, 1174-1181. OPIC TAGS: indium arsenic selenium system, IrAs As sub 2 Se sub 3 system, chermal analysis, x ray analysis, microstructural analysis, InAs sub 3 Se sub 3, thermal analysis, x ray analysis, phase diagram, liquidus surface diagram thermogram, solid solution, InAs, phase diagram, liquidus surface diagram
7 5 6	ABSTRACT: The nature of the reactions of the components of the maintenance of the reactions of the components of the maintenance of the reactions of the components, x-ray and micro- In-As-Se along the InAs-As ₂ Se ₃ section was studied by thermal, x-ray and micro- In-As-Se along the InAs-As ₂ Se ₃ section was studied by thermal, x-ray and InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound InAs ₃ Se, melting structural analyses. The previously unknown ternary compound structural analyses and the previously unknown ternary compound structural analyses. The previo
•	data for these compositions did solutions based on InAs which contains the relatively small area of solid solutions based on InAs which contains relatively small area of solid solutions based on InAs which contains relatively small area of solid solutions based on InAs which contains and literature of the termary system In-As-Se was constructed from the authors and literature data (fig. 2).

ACCESSION NR: AP4036969
Orig. art. has: 10 figures and 3 tables.
ASSOCIATION: None
SUBMITTED: 03Mar/63 DATE ACQ: 05Jun64 ENGL: 02
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	about 360° C, as determined by 5111. treated at a temperature in the 600—1200° C range, depending on the com-
	position of the mixtures. Characteristic of the heat-treated products indi- cated formation of at least seven compounds, including the air vary compounds were identified as
	higher temperature (1100° C) revealed the existence of a new crystalling
	higher temperature (1100 G) revenue.

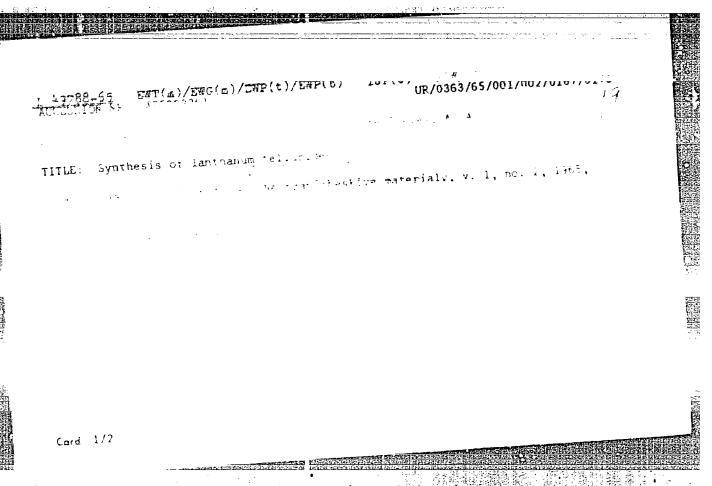
form of Nd₂Te₃, which was identified by a different x-ray pattern. The Nd₄Te₇ formula is subject to verific, ton because of the analogy of structure with NdTe₂, as shown by the similarity of both x-ray patterns.

Single crystals of NdTep of prismatic or pyramidal and actoular

Indine. The source was maintains, at 100° C and the contribution of tube at 700° C. The crystalls grew to various sizes up to 15 mm in length and were stable in air. Crystallographic data of the pyramidal crystals were obtained by x-ray structural analysis.

The polymorphism of neodymium tellurides and formation of variable composition phases were explained in terms of acceptor capacity that is and fourthfals to the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rare earth elements we see that the rank of the light rank earth elements we see the light rank earth elements we see that the rank of the light rank earth elements we see that the rank earth elements we see that the rank earth elements we see that the rank elements we see the rank elements we see that the rank elements we see that the rank elements we see t

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SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no 5, 1965, 692-69	
TOPIC TAGS: lanthanum telluride, telluride erystal structure. xxxv diffraction	
ABSTRACT: The article reports on an x-ray structural analysis of LaTe, single crysta. The symmetry and dimensions of the unit of a residence of the unit of the symmetry and dimensions of t	

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YELISEYEV, A.A.; YAREMBASH, Ye.I.; KUZNETSOV, V.G.; AN ONOVA, L.I.; STOYANTSEVA, Z.P.

X-ray diffraction examination of lanthanum tellurides. 127. AN SSSR. Neorg.mat. 1 no.7:1027-1033 J1 '65. (MIRA 18:9)

1. Institut obshchey i neorganicheskoy khimii iment N.S. Kurnakova AN SSSR.

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ACC NR: AP6029811 SOURCE CODE: UR/0363/66/002/008/1367/1
AUTHOR: Yeliseyev, A. A.; Yarembash, Ye. I.
ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of
Sciences SSSR (Institut obschey i neorganicheskoy khimii Akademii nauk SSSR)
TITLE: Study of single crystals of the rare earth polyselenide elements in the ceri
subgroup of the general formula MSe2_x
SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 8, 1966, 1367-137
COPIC TAGS: single crystal, rare earth element, selenide, selenium compound, cerium
ABSTRACT: The structure of single crystals of MSe2_m polyselenides, where M- is La,
Ce, Pr, Nd, and Sm, was investigated by x-ray technique. The dimensions of the sing crystals varied from few hundredths of a millimeter to 1.5 mm. The x-ray diagrams we taken using RKOP and KFOR-44 camerasowith Cu- and Mo-irradiation sources. All single crystals studied were found to belong to the tetragonal syngony, D_{41} class, and two
roups: with $c/a \approx 2$ (for compounds of general formula MSe_{2} at $x < 0.2$) and c/a :
(for compounds with general formula M_4Se_7 or $M_7Se_{12}-Me_{2_{-\infty}}$ at $x>0.3$). The $Me_{2_{-\infty}}$
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AUTHOR: Yarembash, Ye. I.; Yeliseyev, A. A.; Kalitin, V. I.; Antonova, L. I.
ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)
TITIE: X-ray diffraction analysis of praseodymium selenides
SOURCE: AN SSSR. Izvestiya. Neorganicheskiyé materialy, v. 2, no. 6, 1966, 984-990 TOPIC TAGS: praseodymium compound, selenide, X ray diffraction study
ABSTRACT: The object of the work was to study the phase composition, crystal structure, and regions of homogeneity of the products obtained from a direct reaction between praseodymium and selenium. X-ray diffraction analysis of the praseodymium solonides obtained showed the existence of the following individual phases: PrSe, PrSe6, Pr3-XSe4, Pr4Se7tx, PrSa1 0-x and Pr3Se7tx. The phases Pr5Se6, Pr4Se7tx and Pr3Se7tx in the Pr-Se system were identified for the first time. PrSe (50 at. \$50) has a face-centered cubic NaCl-type lattice, a = 5.941 Å. PrSe6 (54.5 at. \$50) crystallizes in a low-symmetrical, probably monoclinic system. Pr3-xSe4 (where 0 = x = 0.33) has a body-centered cubic lattice with a Th3P4-type structure; its region of homogeneity extends from 57.2 to 60.0 at. \$50; a = 8.881 Å for Pr3Se4 and a = 8.895 Å for Pr2Se3. X-ray structural analyses of Pr4Se7 and PrSe1 9 single crystals were carried out for the first time, and their unit cell parameters and space groups were deter-
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in the column and the

Mined. The (Cu ₂ Sb)-type structure is possible for PrSe ₄ o. PruSe ₇ has a tetragonal lattice and $a=8.44\pm0.05$ Å, $c=6.49\pm0.05$ Å, c space group P4 / mbm; the structure is apparently close to that of region of homogeneity extends from 63.0 to 64.2 at. \$20.005 Å; c the tetragonal system with $a=4.17\pm0.005$ Å, $c=8.40\pm0.005$ Å; c space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$50.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space group P4 / mmm; region of homogeneity from 65.5 to 64.3 at. \$60.000 space gro	crystallizes in [7] a = 2.014; Z = 2; Se. Pr ₃ Se _{7±x} egion of homogenenot observed. of Chemical Scing. art. has: 1
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SOURCE CODE: UR/0363/66/002/010/1747/1756 ACC NR: AP5032946 AUTHOR: Zinchenko, K. A.; Luzhnaya, N. P.; Yarembash, Ye. I.; Yeliseyev, A. A. ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR) TITLE: Phase diagram and phase properties of the Nd-Te system SOURCE: AM SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 10, 1966, 1747-1756 TOPIC TAGS: neodymium compound, telluride, semiconductor single crystal, polycrystal, single crystal structure, monty misum tellumide nemiconductor, phase diagram, chee compocition, metal physical property, electric recistonce, crystal lattice defect ABSTRACT: The phase composition and physical properties of Nd-Te alloys have been studied over the entire range of compositions. The stated purpose of the study was to refine the previously established phase diagram of the Nd-Te System [Ye. I. Yarembash, A. A. Yeliseyev, K. A. Zinchenko, Zh. neorgan. materialy, v. 1, no. 1, 1965, 60 and N. Kh. Abrikosov, V. Sh. Zargaryan. Zh. neorgan. materialy, v. 1, no. 9, 1965, 1462] and to determine the phase-composition dependence of electrophysical properties of the polycrystalline alloys and of certain single crystals. The complete phase diagram of the Nd-Te System, which was plotted on the basis of new experimental data, was basically similar to that previously established by the authors. The existence of seven individual phases, isostructural with the corresponding La phases, UDC: 541.123.2

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ACC NRI AP6032946

was confirmed. New crystallochemical x-ray data were determined for $\mathrm{Nd_{L}Te_{7}}$ and $\mathrm{NdTe_{3}}$ phases. A polymorphic transition was detected by x-ray in the $\mathrm{Nd_{2}Te_{3}}$ samples in contrast with the $\mathrm{M_{2}Te_{3}}$ compounds of the ceria group elements which precede Nd in the Periodic Table. Melting points of certian phases differ significantly with the earlier Soviet data. Electrical resistivity of the phases in the Nd —Te System continuously increased with an increase in the Te content of the samples. Semiconductor property and n-type conductivity were confirmed in all neodymium tellurides. Carrier concentration varied from 10^{21} cm⁻³ for NdTe to 10^{18} cm⁻³ for $\mathrm{NdTe_{3}}$. A defective lattice in $\mathrm{Nd_{2}Te_{3}}$ and $\mathrm{Nd_{4}Te_{7}}$ was confirmed by the resistivity, thermal conductivity, and most of all, by the coefficient of thermal emf data. Single crystals of $\mathrm{Nd_{3}Te_{4}}$, $\mathrm{Nd_{4}Te_{7}}$, $\mathrm{NdTe_{2}}$, and $\mathrm{NdTe_{3}}$ were grown to obtain purified samples for determining semiconductor characteristics. Orig. art. has: 4 figures and 5 tables.

SUB CODE: //20/ SUBM DATE: 09Dec65/ ORIG REF: 007/ OTH REF: 005/

Card 2/2

SOURCE CODE: UR/0363/65/001/007/1027/1038 AUTHOR: Yeliseyev, A. A.; Yarembash, Ye. I.; Kuznetsov, V. G.; Antonova, L. I.; ACC NRI AP5022248 ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Stoyantsova, Z. P. Sciences SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR) TITLE: X ray phase analysis of lathanum tellurides SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 7, 1965, TOPIC TAGS: rare earth element, lathanum compound, telluride, phase diagram, 1027-1038 crystal chemistry, crystal lattice parameter ABSTRACT: Crystallochemical properties of lanthanum tellurides have been studied by x-ray phase analysis and differential thermal analysis of the polycrystalline samples which were synthesized by a technique previously described by the authors The neorgan khimii, 9, 876, (1964). The complete phase diagram of the La-Te System was established for the first time on the basis of the new data. Homogeneity limits of the six identified phases were determined. One of the six phases, LazTeJ, was detected for the first time. The phase previously identified as LaLTeJ was found to be LaTeJ 7+X. Crystallographic characteristics of all phases were given. The evidence of the MTe. - LY and Lates where M is a resonant to the six phases. given. The exidence of the MTe_{1.7+X} and M2 Te₅ phases, where M is a rare earth element from Ce to Sm, was presumed on the grounds of crystallochemical analogy Card 1/2

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SOURCE CODE: UR/0413/66/000/021/0133/0133

INVENTOR: Yeliseyev, A. A.

ORG: none

TITLE: A device for measuring the radial heat influx in the atmosphere. Class 42, No. 188074

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 133

TOPIC TAGS: atmosphere, heat absorption, radiative heating, radiation measurement, sodium compound, chlorine compound, checkberic radiation

ABSTRACT: This Author Certificate presents a device for measuring the radial heat influx in the atmosphere. The device contains a radiation receiver and an apparatus for measuring the temperature difference between the sensitive element and the ambient air. To allow for the selective nature of the atmospheric absorption of long wave radiations, the sensitive element is made of a material, such as rock salt, which absorbs practically no radiation with a wavelength below 12 mk but which completely absorbs radiation with a wavelength in the range of 12-40 mk.

SUB CODE: 04/ SUBM DATE: 24Aug64

Card 1/1

VDC: 551.508.25

ACC NR: AP7002408

SOURCE CODE: UR/0363/66/002/012/2241/2245

AUTHOR: Yeliseyev, A. A.; Kuznetsov, V. G.; Yarembash, Ye. I.; Vigileva, Ye. S.; Antonova, Linder, Zinchenko, K. A.

ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: New phase in the system of tellurides of the rare earth metals of ceria subgroup

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 12, 1966, 2241-2245

TOPIC TAGS: compound semiconductor, rare earth metal, telluride, single crystal growing, Extractor crystal structure, crystal electric conductivity

ANALYSIS

ABSTRACT: The existence of the M_{\star} Te_{7ix} phase within the homogeneity limits between 61 and 64 at% Te was confirmed by chemical, x-ray spectrochemical, and x-ray phase analysis of poly- and single-crystalline M_{\star} Te₇, where M = La, Pr, or Nd. Previously, the M_{\star} Te_{7ix} phase was detected by different Soviet authors but was absent in the La-Te and La-Nd phase diagrams which were published in the 1965 Western studies. The M_{\star} Te₇ single crystals, $1 \times 1 \times 1 \text{ mm}$ maximum size, were grown from polycrystalline M_{2} Te₃ by the chemical transport reaction with iodine at a 950—800C temperature gradient. Simultaneously, the MTe₂ single crystals were formed. The shape of the

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UDC: 546.65'241-54-162.2

ACC NR: AP7002408

La, Te, and LaTe, single crystals was identical, while that of the Nd, Te, and NdTe, was different. Lattice symmetry type and constants, space symmetry group, number of molecules in the unit cell, and x-ray density were determined and tabulated for La, Te7, Pr, Te7, and Nd, Te7. Lattice constants of Ce, Te7 were extrapolated from their plots versus ionic radii of the M3+ ions. La Te7 was found to crystallize in a tetragonal not rhombic system, which was previously assigned to La_LTe₇ by the authors. The lattice constants of La₁Tc₇ were found to be as follows: $a = b = 9.011 \pm 0.005 \text{ Å}$, $c = 9.172 \pm 0.005 \text{ Å}$. The most likely space symmetry group of La, Te, was the centric P4/mbm group. Other M, Te, tellurides of the ceria subgroup crystallize in the same system and have the same space symmetry group as La, Te7. Structural similarity and differences were noted between M.Te7 and MTe2. Electrical conductivity and thermal emf of the M, Te, phase was of the semiconductor type. The existence of the M.Te7 (or M7Te12) phase was presumed for Ce and Sm because of the crystallochemical analogy between tellurides of the ceria subgroup. Orig. art. has: 3 tables and 2 figures.

24Feb66/ ORIG REF: 008/ OTH REF: 004/ 07/ SUBM DATE: SUB CODE:

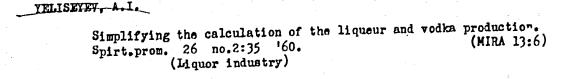
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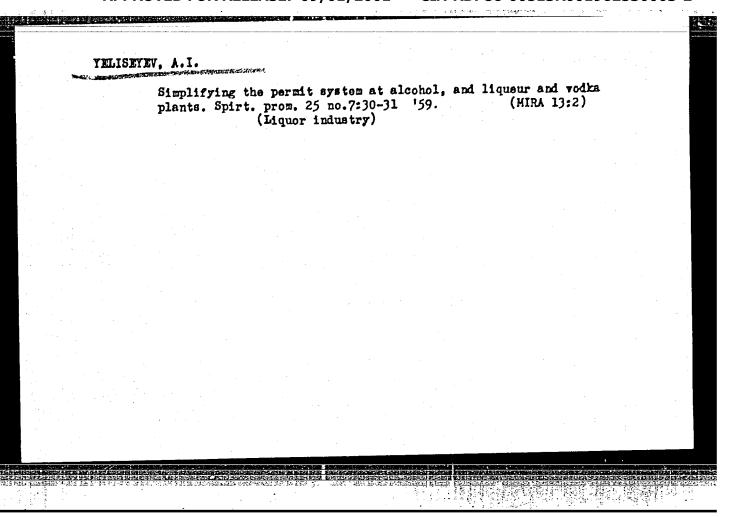
YELISEYEV, A.A.

Early experimental studies on electrostatics in Russia.

Ist. i metod. est. nauk no.3:206-213 '65.

(MIRA 18:12)





PROKHOROV, Stepan Ivanovich, doktor ekonom.nauk; YKLISEYEV, A.I., red.; ERULIKOVSKAYA, R.G., tekhn.red.

[Machinery industry] Mashinostroenie. Gor'kii. Gor'kovskoe knizhnoe izd-vo, 1959. 38 p. (MIRA 13:3) (Machinery industry)

DONTSOV, A.Ya., YELISEYEY, A.I.

Consolidated norms for meneuvering operations. Zhal, dor. transp. 47 no.1371-73 Ja 165. (MIRA 18:3)

1. Nachal'nik otdela tekhnicheskogo normirovaniya trada Upravleniya truda, zarabotnoy platy i tekhnik, beropasnosti Ministerstva putey soubshcheniya (for Dontsov). 2. Starshiy inzh. otdela tekhnicheskogo normirovaniya truda Upravleniya truda, zarabotnoy plaby i tekhniki bezopasnosti Ministerstva putey soobshcheniya (for Yeliseyev).

SOV/20-121-2-39/53 Yeliseyev, A. I. AUTHOR: The Carboniferous Stratigraphy of the Southern Part of the TITLE: Chernyshev Ridge (Stratigrafiya karbona yuzhnoy chasti gryady Chernysheva) Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 2, pp. 339 -PERIODICAL: 342 (USSR) The carboniferous sediments of the above mentioned ridge are ABSTRACT: little investigated and are described only roughly (Refs 1-4). The author investigated these deposits in detail and tried their detailed classification (this work was supervised by A. A. Chernov, Komi-Branch, AS USSR; D. M. Rauzer-Chernousova and Ye. A. Reytlinger were consultants; the fauna was determined by Z. P. Mikhaylova /foraminifers/ together with the two last mentioned scientists, as well as by O. A. Lipina and A. V. Durkina; the brachiopodes were determined by N. V. Kalashnikov , partly by V. N. Krestovnikov, Ye. A. Ivanova and T. G. Sarycheva; the corals by T. A. Dobrolyubova; the bryozoans by I. P. Morozova). The elaborated stratigraphic scheme differs somehow from the standardized scheme with respect to the direction of the Devonian-Carboniferous boundary. Card 1/3

The Carboniferous Stratigraphy of the Southern Part of the Chernyshev Ridge

The Namurian stage is not separated. All three carboniferous sections: the Lower Carboniferous (550 - 1100 m), Middle Carboniferous (150 - 220 m) and Upper Carboniferous (110 \sim 20 mm) are marked. They are, as a whole, represented by carbonate factes, the character of which in the meridional direction remains maintained over great distances, which changes, however, in the longitudinal direction. Based on this fact the author divided all cross sections into 2 main types: a.-The western (syninskiy) and b .- the eastern (vangyrskiy). In the Lower Carboniferous the Tournaisian stage is subdivided into 2 substages, the second of which is again subdivided into 2 horizons. Three substages belong to the Visean, the first of which has 2, the second and the third have 3 horizons. In the Middle Carboniferous 2 stages, 3 substages and 7 horizons are separated. The Upper Carboniferous is divided into 2 stages. There are 1 figure and 10 references, 10 of which are Soviet.

ASSOCIATION: Kom' filial Akademii nauk SSSR (Komi Branch, AS USSR) Card 2/3

507/20-121-2-39/53

The Carboniferous Stratigraphy of the Southern Part of the Chernyshev Ridge

PRESENTED:

March 29, 1958, by N. S. Shatskiy, Member, Academy of Sciences,

SUBMITTED:

March 2, 1958

Card 3/3

SOV/20-126-2-35/64 3 (5) Yeliseyev, A. I. AUTHOR: On the Problem of the Origin of Limestone Breccias of the Carboniferous of the Chernyshev Ridge (K voprosu o TITLE: proiskhozhdenii izvestnyakovykh brekchiy karbona gryady Chernysheva) Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 2, PERIODICAL: pp 351-354 (USSR) In the carboniferous sediments of the western slope of the Urals there emerge interesting formations: limestone breccias. ABSTRACT: They also appear in the Pechora Urals and in other regions (Ref 1, 1925). A clear theory regarding the age and origin of these breccias has, however, been hitherto lacking. There were 3 hypotheses offered: a, the subaqueous landslide hypothesis (Refs 2, 3), b. the tectonic (Ref 4), and c. the Karst hypothesis (V. A. Yevstrakhin). Neither the cement nor the slivers of these breccias allow them to be distinguished at first glance from the rocks in which they are contained.

Card 1/2

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From the cited description of the breccias in question, it is obvious that neither hypothesis a. nor c. can explain their character. The analysis of the facts shows quite clearly, that

On the Problem of the Origin of Limestone Breccias of the Carboniferous of the Chernyshev Ridge

SOV, 20-126-2-35/64

the carboniferous breccias of the Chernyshev Ridge are sedimentary in origin. According to publications the carboniferous breccias are also in other regions of the Pechora Urals sedimentary in origin. Certainly, the concrete process of sedimentation of the breccias may have been somehow different of that described here. The breccias of every single district must be studied as they yield important data on the geological history of the waters. These breccias are confined to tectonically restless areas of the sea bottom and to waters with considerable oscillatory movement. There are 8 references, 7 of which are Soviet.

ASSOCIATION:

Komi filial Akademii nauk SSSR (Komi Branch of the Academy

of Sciences, USSR)

PRESENTED:

January 30, 1959, by N. M. Strakhov, Academician

SUBMITTED:

November 28, 1958

Card 2/2

GOLOVASTIKOV, Aleksandr Mikhaylovich; YELISEYEV, A.I., red.; ZAKHAROV, K.A., tekhn.red.

[Oka Valley (Vyksa-Kulebaki) industrial region; study of the economic geography] Priokskii (Vyksunsko-Kulebakskii) industrial'nyi raion; ekonomiko-geograficheskii ocherk. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1960. 145 p. (HIRA 14:1) (Gorkiy Province--Economic geography)

YELISEYEV, A.I.

Siliceous formations in Carboniferous carbonate rocks in the Chernyshev Ridge. Dokl. AN SSSR 134 no.3:670-673 S '60. (MIRA 13:9)

1. Institut geologii Komi filiala Akademii nauk SSSR. Predstavleno akad. N.M. Strakhovym.
(Chernyshev Ridge--Silica)

YELISEYEY. A.I.

Boundary of the Lower and Middle Carboniferous in the Chernyshev Ridge. Trudy Inst.geol.Komi fil. AN SSSR no.3:51-54 '62. (MIRA 16:9) (Chernyshev Ridge-Geology, Stratigraphic)

YELISEYEV, A.I.; MIKHAYLOVA, Z.P.

Recent data on the upper Carboniferous of the Chernyshev Ridge. Dokl.AN SSSR 145 no.3:631-634 Jl 162. (MIRA 15:7)

1. Institut geologii Komi filiala AN SSSR. Predstalveno akademikom A.L. Yanshinym. (Chernyshev Ridge—Geology, Stratigraphic)

YELISEYEV, A. I.

Dissertation defended in Geological Institute for the academic degree of Candidate of Geologo-Mineralogical Sciences:

"Stratigraphy and Lithology of Coal-Bearing Deposits of the Chernyshev Ridge."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

YELISEYEV, Aleksandr Ivenovich; CHERNOV, A.A., doktor geol.-min. nauk, prof.[deceased], otv. red.; KIRIKOVA, G.L., red. izd-va; ZENDEL', M.Ye., tekhn. red.

> [Stratigraphy and lithology of Carboniferous sediments in the Chernyshev Range] Stratigrafiia i litologiia kamennougol'nykh otlozhenii griady Chernysheva. Moskva, Izd-vo AN SSSR, 1963. 171 p. (MIRA 17:3)

YELISEYEV, A. P.

G. N. Pavlov. Osnovy anatomii i fiziologii sel'skokhozyaystvennykh zhivotnykh (Principles of Anatome and Physiology of Farm Animals). Moscow-Leningrad. Sel'khozgiz. 1950. 56 pages with illustrations. Also in the Latvian language.

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